



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

646.4001

Job Sheet 175983



Part No: 646.4001

Job Qty: 1 ea

Part Name: AS350 Cable Cutter System



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 4/13/18

Job Tracking No:

Due Date: 5/22/18

Created By: Michelle Gagnon-Donovan

Type: Stock

Description:

Note: DWG REV C1 IPP REV:A 12.10.23 NEW ISSUE DD VERF:JLM IPP REV:B 15.01.08 AS PER DWG REV.B
DD VERF:JLM IPP REV:C 16.01.07 AS PER DWG REV.C DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea	5/22/18	5/22/18	0.00	0.00	Start Up Stores/Pkg-1	6	APR 20 2018
110	Packaging	1 pcs	5/22/18	5/22/18	0.00	0.00	Packaging1-1	8	APR 27 2018
120	QC	1 pcs	5/22/18	5/22/18	0.00	0.00	QC4	8	Y. AD
125	DC	1 pcs	5/22/18	5/22/18	0.00	0.00	DC	8	Y. AD
130	Packaging	1 pcs	5/22/18	5/22/18	0.00	0.00	Packaging3-1	8	Y. AD
140	QC21-FG	1 Ea	5/22/18	5/22/18	0.00	0.00	QC21	8	APR 30 2018

Part Op 125 - Photocopy bluefile & type labels per PPP 646.4001

Descriptions: 130 - Identify and pack for shipping as per PPP 646.4001 Location: Fg 102

DAS
21
9-80

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
600.0129	VHB Tape	8 ft (8 ea)	90-Start up Operation	
600.0990	Magnabond 6398 Part A Size 112 ml	1 Ea (1 ea)	90-Start up Operation	
600.0991	Magnabond 6398 Part B Size 112 ml	1 Ea (1 ea)	90-Start up Operation	
600.1012	Sealant PR1425B2 (#654 sem)	1 pcs (1 ea)	90-Start up Operation	
600.1013	021200-3M Tape Primer 94 Primer 24216	5 Ea (5 ea)	90-Start up Operation	
646.2910	Deflector	1 Ea (1 ea)	90-Start up Operation	
646.3001	Lower Cable Cutter Assembly	1 Ea (1 ea)	90-Start up Operation	
646.3110	Channel	1 Ea (1 ea)	90-Start up Operation	
646.3210	Support	1 Ea (1 ea)	90-Start up Operation	
646.3301	Upper Cutter Assembly	1 Ea (1 ea)	90-Start up Operation	
646.3510	Strut	1 Ea (1 ea)	90-Start up Operation	
646.3511	Strut	1 Ea (1 ea)	90-Start up Operation	
646.3610	Filler	1 Ea (1 ea)	90-Start up Operation	
646.3710	Doubler	1 Ea (1 ea)	90-Start up Operation	
646.3711	Clip	1 Ea (1 ea)	90-Start up Operation	
646.3712	Clip	1 Ea (1 ea)	90-Start up Operation	
646.3713	Gusset	1 Ea (1 ea)	90-Start up Operation	
646.3714	Gusset	1 Ea (1 ea)	90-Start up Operation	
646.3715	Strut Doubler	2 Ea (2 ea)	90-Start up Operation	
646.3716	Gauge Bracket	1 Ea (1 ea)	90-Start up Operation	
646.3717	Doubler	1 Ea (1 ea)	90-Start up Operation	

DART
AEROSPACE

Container No: S064741



Part: 646.4001

Job No: 175983

Serial No/Batch: S064741

Revision:
Inspector:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1Y7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 04/24/18

646.3718	Custom Washer	2 Ea (2 ea)	90-Start up Operation
646.3719	Doubler	2 Ea (2 ea)	90-Start up Operation
646.3810	Bracket	2 Ea (2 ea)	90-Start up Operation
646.3811	Radius Block	1 Ea (1 ea)	90-Start up Operation
646.3812	Gusset Bracket	2 Ea (2 ea)	90-Start up Operation
646.3813	AS350 Strut Bracket	1 Ea (1 ea)	90-Start up Operation
646.3910	Shim	4 Ea (4 ea)	90-Start up Operation
646.3911	Shim	1 Ea (1 ea)	90-Start up Operation
646.3912	Shim	4 Ea (4 ea)	90-Start up Operation
646.3913	Shim	1 Ea (1 ea)	90-Start up Operation
646.9410	Shim	1 Ea (1 ea)	90-Start up Operation
647.0112	Strut Bracket	2 Ea (2 ea)	90-Start up Operation
647.7703	Strut Assembly	2 Ea (2 ea)	90-Start up Operation
650.9201	Eyelet Bracket Assembly	2 Ea (2 ea)	90-Start up Operation
AN3-11A	Bolt	10 Ea (10 ea)	90-Start up Operation
AN3-12A	Bolt	2 Ea (2 ea)	90-Start up Operation
AN3-13A	Bolt	1 Ea (1 ea)	90-Start up Operation
AN3-3A	Bolt	4 Ea (4 ea)	90-Start up Operation
AN3-4A	Bolt	10 Ea (10 ea)	90-Start up Operation
AN3-5A	Bolt	2 Ea (2 ea)	90-Start up Operation
AN3-6A	Bolt	2 Ea (2 ea)	90-Start up Operation
AN316C4R	Nut, Jam	2 Ea (2 ea)	90-Start up Operation
AN44-5A	Eyebolt	2 Ea (2 ea)	90-Start up Operation
AN4C7A	Bolt	2 Ea (2 ea)	90-Start up Operation
AN665-34R	Clevis	2 Ea (2 ea)	90-Start up Operation
CCR264SS3-02	Cherry Rivet	36 Ea (36 ea)	90-Start up Operation
CR3213-5-3	Cherry Rivet	14 Ea (14 ea)	90-Start up Operation
MS20426AD5-7	Rivet	2 Ea (2 ea)	90-Start up Operation
MS20470AD5-5.5	Rivet	8 Ea (8 ea)	90-Start up Operation
MS20470AD5-6	Rivet	8 Ea (8 ea)	90-Start up Operation
MS20470AD5-7	Rivet	3 Ea (3 ea)	90-Start up Operation
MS21042L3	Nut	63 Ea (63 ea)	90-Start up Operation
MS21042L4	Nut	2 Ea (2 ea)	90-Start up Operation
MS21042L8	Nut	2 Ea (2 ea)	90-Start up Operation
MS21047-3	Nut Plate	18 Ea (18 ea)	90-Start up Operation
MS24693-C278	Screw	5 Ea (5 ea)	90-Start up Operation
MS24694-S51	Screw	5 Ea (5 ea)	90-Start up Operation
MS24694-S54	Screw	2 Ea (2 ea)	90-Start up Operation
MS24694-S55	Screw	3 Ea (3 ea)	90-Start up Operation
MS27039-08-13	Screw	2 Ea (2 ea)	90-Start up Operation
MS27039-1-10	Screw	2 Ea (2 ea)	90-Start up Operation
MS27039-1-12	Screw	6 Ea (6 ea)	90-Start up Operation
MS27039-1-16	Screw	24 Ea (24 ea)	90-Start up Operation
MS27039-1-19	Screw	22 Ea (22 ea)	90-Start up Operation
MS27039-1-20	Screw	2 Ea (2 ea)	90-Start up Operation
MS27039-1-21	Screw	4 Ea (4 ea)	90-Start up Operation
NAS1149F0332P	Washer	144 Ea (144 ea)	90-Start up Operation
NAS1149F0363P	Washer	2 Ea (2 ea)	90-Start up Operation
NAS1149F0432P	Washer	4 Ea (4 ea)	90-Start up Operation
NAS1149FN832P	Washer	4 Ea (4 ea)	90-Start up Operation

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	600.0129	8	448	0
	600.0990	1	22	0
	600.0991	1	21	0
	600.1012	1	25	0
	600.1013	5	30	0
	646.2910	1	9	0
	646.3001	1	7	0
	646.3110	1	21	0
	646.3210	1	7	0
	646.3301	1	6	0

646.3510	1	26	0
646.3511	1	15	0
646.3610	1	19	0
646.3710	1	73	0
646.3711	1	29	0
646.3712	1	41	0
646.3713	1	34	0
646.3714	1	40	0
646.3715	2	48	0
646.3716	1	27	0
646.3717	1	31	0
646.3718	2	52	0
646.3719	2	22	0
646.3810	2	21	0
646.3811	1	28	0
646.3812	2	16	0
646.3813	1	18	0
646.3910	4	41	0
646.3911	1	42	0
646.3912	4	30	0
646.3913	1	58	0
646.9410	1	121	0
647.0112	2	86	0
647.7703	2	16	0
650.9201	2	20	0
AN3-11A	10	235	0
AN3-12A	2	103	0
AN3-13A	1	55	0
AN3-3A	4	796	0
AN3-4A	10	504	0
AN3-5A	2	396	0
AN3-6A	2	255	0
AN316C4R	2	44	0
AN44-5A	2	21	0
AN4C7A	2	89	0
AN665-34R	2	38	0
CCR264SS3-02	36	482	0
CR3213-5-3	14	180	0
MS20426AD5-7	2	1,201	0
MS20470AD5-5.5	8	373	0
MS20470AD5-6	8	1,167	0
MS20470AD5-7	3	197	0
MS21042L3	63	2,448	0
MS21042L4	2	3,323	0
MS21042L8	2	0	0
MS21047-3	18	406	0
MS24693-C278	5	60	0
MS24694-S51	5	264	0
MS24694-S54	2	115	0
MS24694-S55	3	170	0
MS27039-08-13	2	415	0
MS27039-1-10	2	301	0
MS27039-1-12	6	343	0
MS27039-1-16	24	588	0
MS27039-1-19	22	261	0
MS27039-1-20	2	69	0
MS27039-1-21	4	102	0
NAS1149F0332P	144	3,125	0
NAS1149F0363P	2	239	0
NAS1149F0432P	4	2,245	0
NAS1149FN832P	4	3,306	0

Part Specifications

Specifications could not be found.

Master Unit No	Container No	Part No	Part Name	From Container	Current Location	Quantity
002687	S063495	MS20470AD5-7	Rivet	F123425	ST309	3
002687	S063494	MS21042L08	Nut	S044234	ST303	2
002687	S063493	MS21042L3	Nut	S038764	ST303	63
002687	S063492	MS21042L4	Nut	S045901	ST303	2
002687	S063491	MS21047-3	Nut Plate	S020620	ST301	18
002687	S063490	MS24693-C278	Screw	S016502	ST287	5
002687	S063489	MS24694-S51	Screw	S004859	ST284	5
002687	S063488	MS24694-S54	Screw	S024480	ST284	2
002687	S063487	MS24694-S55	Screw	FM138621.0	ST283	3
002687	S063486	MS27039-08-13	Screw	S019320-1	ST278	2
002687	S063485	MS27039-1-10	Screw	S005145	ST280	2
002687	S063484	MS27039-1-12	Screw	S049832	ST280	6
002687	S063483	MS27039-1-16	Screw	S049833	OVER006	24
002687	S063482	MS27039-1-19	Screw	S050051	ST280	22
002687	S063481	MS27039-1-20	Screw	S000680	ST280	2
002687	S063480	MS27039-1-21	Screw	S037684	ST280	4
002687	S063479	NAS1149F0332P	Washer	S057525	ST262	144
002687	S063478	NAS1149F0363P	Washer	S027738	ST262	2
002687	S063477	NAS1149F0432P	Washer	S050055	ST262	4
002687	S063476	NAS1149FN832P	Washer	S020604	ST263	4

Note: Ad hoc query view of Part.dbo.Container where Container.Active = 1.

Plex 4/24/18 8:39 AM dart.quirion.sonia

649 : 2910 5058968 x1

646 3300 5060222

650 . 9201 x1 5057378 x1 5043733 x1



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
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Tel (613) 632-5200

Container View (Active) - Master Unit Containers

Master Unit No	Container No	Part No	Part Name	From Container	Current Location	Quantity
002687	S064354	600.0129	VHB Tape	s031229	CCK096	8
002687	S064353	600.0990	Magnabond 6398 Part A Size 112 ml	s044948	LG050	1
002687	S064352	600.0991	Magnabond 6398 Part B Size 112 ml	s044949	LG050	1
002687	S064350	600.1012	Sealant PR1425B2 (#654 sem)	s054101	CCK017	1
002687	S064349	600.1013	021200-3M Tape Primer 94 Primer 24216	S020598	CCK096	5
002687	S064348	646.3001	Lower Cable Cutter Assembly	s056954	CCK023	1
002687	S064346	646.3110	Channel	s059069	CCK020	1
002687	S064345	646.3210	Support	s045159	CCK020	1
002687	S064344	646.3510	Strut	s036174	CCK103	1
002687	S064343	646.3511	Strut	s050455	CCK108A	1
002687	S064342	646.3610	Filler	s021581	CCK104	1
002687	S064341	646.3710	Doubler	s002104	CCK006	1
002687	S064340	646.3711	Clip	s038799	CCK104	1
002687	S064339	646.3712	Clip	s026726	CCK104	1
002687	S064338	646.3713	Gusset	s026788	CCK104	1
002687	S064337	646.3714	Gusset	s026731	CCK104	1
002687	S064336	646.3715	Strut Doubler	s050316	CCK105	2
002687	S064335	646.3716	Gauge Bracket	s027170	CCK105	1
002687	S064334	646.3717	Doubler	s050430	CCK105	1
002687	S064333	646.3718	Custom Washer	s050515	CCK105	2
002687	S064332	646.3719	Doubler	s050441	CCK105	2
002687	S064331	646.3810	Bracket	s058167	CCK105	2
002687	S064330	646.3811	Radius Block	s057868	CCK105	1
002687	S064329	646.3812	Gusset Bracket	s058076	CCK105	2
002687	S064328	646.3813	AS350 Strut Bracket	s057988	CCK105	1
002687	S064327	646.3910	Shim	s051515	CCK105	4
002687	S064326	646.3911	Shim	s051519	CCK105	1
002687	S064325	646.3912	Shim	s051511	CCK105	4
002687	S064324	646.3913	Shim	s051513	CCK105	1
002687	S064323	646.9410	Shim	f140671	CCK011	1
002687	S064322	647.0112	Strut Bracket	s054605	CCK106	2
002687	S064321	647.7703	Strut Assembly	s050812	CCK114	2
002687	S043733	650.9201	Eyelet Bracket Assembly	S054065	CCK127	2
002687	S063510	AN3-11A	Bolt	S027721	ST349	10
002687	S063509	AN3-12A	Bolt	S048376	ST349	2
002687	S063508	AN3-13A	Bolt	S038733	ST349	1
002687	S064320	AN3-3A	Bolt	S015688	ST350	4
002687	S063507	AN3-4A	Bolt	S019388	ST350	10
002687	S063506	AN3-5A	Bolt	S041106	ST350	2
002687	S063505	AN3-6A	Bolt	S000530	ST350	2
002687	S063504	AN316C4R	Nut, Jam	S019359	ST331	2
002687	S063503	AN44-5A	Eyebolt	S041156	ST339	2
002687	S063502	AN4C7A	Bolt	S027516	ST345	2
002687	S063501	AN665-34R	Clevis	S041157	ST330	2
002687	S063500	CCR264SS3-02	Cherry Rivet	S041159	ST321	36
002687	S063499	CR3213-5-3	Cherry Rivet	S019378	ST319	14
002687	S063498	MS20426AD5-7	Rivet	F153848	ST311	2
002687	S063497	MS20470AD5-5.5	Rivet	FM134063	ST309	8
002687	S063496	MS20470AD5-6	Rivet	F124089	ST309	8

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REFERENCE ONLY

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NOTES:

1. AFTER INSTALLATION, APPLY F/N 54 A/R TO FILL GAPS AND FILLET EDGES.
2. INSTALL F/N 14 WITH F/N 52 & 53.
3. 3M VHB ADHESIVE TAPE 025 THICK X .50" WIDE
VENDOR: MCMASTER-CARR P/N 75935A651.
4. 3M TAPE PRIMER 94, APPLY TO BOTH SURFACES A/R BEFORE TAPE.
VENDOR: R.S. HUGHES P/N 021200-24216.
5. REUSE FASTENERS FROM F/N 1.
6. USE WASHERS A/R AS SHIMS TO OBTAIN BEST FITMENT.
7. AT CUSTOMERS OPTION, INSTALL F/N 65 BY MATCH DRILLING ON TO F/N 1.
8. INSTALL SHIM IF OEM PROVISIONS ARE INSTALLED ON AIRCRAFT. REMOVE SHIM LAYERS TO ACHIEVE CORRECT SIZE. MATCH DRILL HOLES. USE F/N 78 SCREW IN PLACE OF F/N 17 SCREW.
9. NEWER INSTALLATIONS ON AIRCRAFT WITH UPDATED CANOPY MAY REQUIRE DIFFERENT LENGTH SCREWS. USE F/N 62 TO REPLACE F/N 44 & F/N 26 IN PLACE OF F/N 41 WHEN NECESSARY.

UNINCORPORATED ECN(S)

05304

5	5	5	78	601.3875	SCREW	H1111111111	
1	1	1	77	646.9410	SHIM		
	4	4	76	601.2764	WASHER	HAS1111111111	
	2	2	75	601.2973	LOCKNUT	MS21042-08	
	2	2	74	601.2988	SCREW	MS27039-0813	
	2	2	73	601.2943	LOCKNUT	MS21042-3	
	2	2	72	601.3128	NUT	AN316GCR	
	2	2	71	601.3209	LOCKNUT	MS21042-4	
	4	4	70	601.2638	WASHER	HAS1111111111	
	2	2	69	601.2669	BOLT	AN307A	
	2	2	68	601.3119	CLEVIS	AN3555 SAR	
	2	2	67	601.3121	EYE BOLT	AN44-5A	
	2	2	66	650.9201	EYE BRACKET ASSY		
	REF	REF	65	647.5701	GPS MOUNT KIT		
		2	64	601.3151	WASHER	HAS1111111111	
		2	63	601.2911	SCREW	MS24694553	
	24	24	62	601.2637	SCREW	MS27039-1-14	
2	2	2	61	601.2763	BOLT	AN3-12A	
	1	1	60	646.3913	SHIM		
	4	4	59	646.3912	SHIM		
	1	1	58	646.3911	SHIM		
	4	4	57	646.3910	SHIM		
	5	5	56	600.1013	PRIMER		
	8 FT	8 FT	55	600.0129	VHB TAPE		
	1	1	54	600.1012	SEALANT	PR-1475 CLASS B	
	1	1	53	600.0991	MAGNOBOND 6398 PART B		
	1	1	52	600.0990	MAGNOBOND 6398 PART A		
6	10	10	51	601.2826	BOLT	AN3-11A	
			50	646.3814	WIPER BRACKET		
		2	49	601.2910	SCREW	MS27039-1-18	
	2	2	48	601.1365	SCREW	MS27039-1-10	
	2	2	47	646.3719	DOUBLER		
	2	2	46	646.3718	CUSTOM WASHER		
	1	1	45	646.3717	DOUBLER		
	22	22	44	601.1948	SCREW	MS27039-1-19	
	2	2	43	601.1952	SCREW	MS27039-1-20	
	4	4	42	601.1956	SCREW	MS27039-1-21	
4006	4003	4004	4003	4002	#01	PART #	SPEC.

REV.	DESCRIPTION	DATE	APPROVED
A	INCORPORATED ECN 0211111111 0211111111 0211111111	01/01/2011	P. BRAVO
B	INCORPORATED ECN 0211111111 0211111111 0211111111	01/01/2011	P. BRAVO
C	INCORPORATED ECN 0211111111 0211111111 0211111111	01/01/2011	P. BRAVO

		2	2	41	601.2829	SCREW	MS24694554			
		2	2	40	601.2831	RIVET	MS20426405-7			
		1	1	39	646.3716	GAUGE BRACKET				
		6	6	38	601.1953	SCREW	MS27039-1-12			
	2	2	2	37	646.3715	STRUT DOUBLER				
		2	2	36	601.2824	BOLT	AN3-5A			
12	36		36	35	601.2277	RIVET	CCRM483-707			
6	18		18	34	600.0795	NUTPLATE	MS21047-3			
3	3		3	33	601.2565	RIVET	MS20426405-7			
1	1		1	32	646.3813	STRUT BRACKET				
4	4		4	31	601.2822	BOLT	AN3-5A			
2	2		2	30	646.3812	GUSSET BRACKET				
8	8		8	29	601.2564	RIVET	MS20426405-6			
1	1		1	28	646.3714	GUSSET				
	1	1	1	27	646.3610	FILLER				
	3	3	3	26	601.2830	SCREW	MS24694555			
	2	2	2	25	601.2825	BOLT	AN3-5A			
	1	1	1	24	646.3811	RADIUS BLOCK				
	1	1	1	23	646.3712	CLIP				
	1	1	1	22	646.3711	CLIP				
8	8		8	21	601.2832	RIVET	MS20426405-5			
14	14		14	20	601.2020	RIVET	CP3213-5-3			
4	6	4	6	10	601.2823	BOLT	AN3-4A			
	1	1	1	18	601.2827	BOLT	AN3-13A			
	5	5	5	17	601.2912	SCREW	MS24694551			
1	1		1	16	646.3713	GUSSET				
1			1	15	646.3210	SUPPORT				
			1	14	646.3710	DOUBLER				
	1	1		13	646.3110	CHANNEL				
14	10	8	53	6	61	601.1624	LOCKNUT	MS21042-3		
16	32	18	120	16	144	601.1607	WASHER	HAS1111111111		
				1	10	646.3410	LH WIPER DEFLECTOR			
				1	9	646.3411	RH WIPER DEFLECTOR			
			2	8	647.7703	STRUT ASSY				
			2	7	647.0112	STRUT BRACKET				
	1	1		6	646.3511	STRUT				
	1	1		5	646.3510	STRUT				
2		2		4	646.3810	BRACKET				
			1	3	646.2910	DEFLECTOR				
			1	2	646.3001	LOWER CUTTER ASSY				
			1	1	646.3301	UPPER CUTTER ASSY				
X					646.4006	LOWER CUTTER FIXED PROVISIONS				
	X				646.4005	LOWER CUTTER REMOVABLE PROVISIONS				
					646.4004	FIXED PROVISIONS KIT				
				X	646.4003	CABLE CUTTERS KIT WITHOUT FORK PROVISIONS				
				X	646.4002	AS350 WIPER DEFLECTOR KIT				
				X	646.4001	AS350 CABLE CUTTERS KIT				
4006	4005	4004	4003	4002	4001	FIND #	PART #	DESCRIPTION	MATL	SPEC.

QTY	NEXT ASSY (S)	CONTRACT NO.	DATE	BY	CHKD BY	DATE	BY	CHKD BY	DATE	BY	CHKD BY
DART AEROSPACE APICAL INDUSTRIES, INC. 3030 ENTERPRISE CT., SUITE A VISTA, CA 92081 (760) 724-5300			AS350 CABLE CUTTERS KIT SCALE: NONE SHEET 1 OF 5								